



# DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AERONAUTICAL SYSTEMS CENTER (AFMC)  
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

19 AUG 1999

## MEMORANDUM FOR ASC/SY

FROM: ASC/EN

SUBJECT: Work Breakdown Structure (WBS) Level III Status for Cockpit System Element

1. The Air Force Inspection Agency (AFIA) recently completed an independent assessment of Human Systems Integration (HSI) in the Air Force. Finding five of the AFIA report indicated that HSI needs additional emphasis during source selection, program reviews, and milestones. Observation one of the report also cited the F-22 program as an example of a program that implemented a sound HSI approach in the early phases of acquisition. Specifically noted was that the F-22 program was the first program to raise the cockpit system element to Level III of the WBS.
2. ASC has developed an HSI action plan to address all AFIA findings. This action plan was presented to ASC/CC, AFMC/CC, SAF/AQ, and AF/SG. The action plan, which was endorsed by all parties above, recommended elevating the WBS level of the cockpit element to Level III as an effective way to emphasize HSI in all phases of acquisition. Request your office take steps to amend guidance in outgoing Requests for Proposals (RFPs) for offerors to include all cockpit/crew station system elements in the WBS at Level III. This should apply not only to RFPs for manned air vehicles, but also to ground based controller stations for Unmanned Air Vehicles and other human-operated equipment as well.
3. If you have any questions, our point of contact is Mr. Kevin Burns, ENFC, 58596.

JON S. OGG, SES  
Director, Engineering